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PHOTOGRAPHIC INTERPRETATION REPORT

MCI

MISSION GRC 134 24 DECEMBER 1962

NPIC/R-1082/63 February 1963









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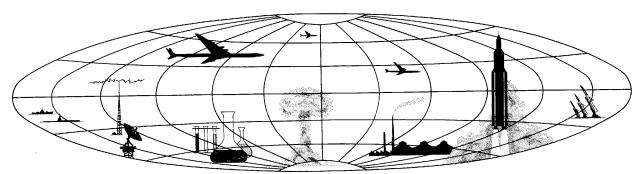


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CIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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PREFACE

25X1C 25X1C 25X1C This Mission Coverage Index (MCI) furnishes a listing of items of intelligence interest covered by aerial photography from Mission 134,

25X1A

Items in the listing are arranged (1) by WAC area, and (2) within the WAC area by coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by place name within each category.

The user of this MCI is cautioned that the scan of photography from Mission GRC 134 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, future detailed analysis may somewhat alter portions of the information.

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Circle III ii		Caralian		Installatio	n Numbers
City, Installation	Coordinates		WAC	BE	NPIC
LU-HSIEN AIRFIELD 4.5 NM SW OF LU-HSIEN, 4 NM NORTH OF NA-CHI. 5,450 X 175 FT ENE/WSW PROBABLE CONCRETE RUNWAY IS SERVICEABLE. NO ELECTRONIC FACILITIES OBSERVED. NO CONSTRUCTION ACTIVITY NOTED. AIRCRAFT NONE OBSERVED.	2851N	1Ø524E	25X1A		- 52
25X1D			25X1A		
THE WOLLDWING CA	2854N	10527E	23X IA		52-A
LU-HSIEN COMPLEX IDENTIFICATION ONLY. 25X1D	ZOJAN	105216		ı	, ,
KUN-MING TO TA-LI, ROAD UNDER CONSTRUCTION THIS ROAD OBSERVED FROM THE VICINITY OF AN-SHUN EASTWARD THROUGH KUEI-YANG TO THE VICINITY OF KUEI-TING LIT APPEARS COMPLETE.	25Ø4N	10241E	Ø496		11-F :
25X1D					
KUEI-YANG AREA, AIRFIELD 14 NM SW OF KUEI-YANG. APPROXIMATE 7,800 X 150 FT N/S PROBABLE CRUSHED-ROCK RUNWAY IS SERVICEABLE. AIRFIELD HAS CENTRAL PARKING APRON WITH CONNECTING TAXIWAYS, ADMINISTRATIVE BUILDING WITH CONTROL TOWER, AND ADDITIONAL FACILITIES UNDER CONSTRUCTION. AIRCRAFT NONE. 25X1D	2625N	10632E	Ø496 -		10−€
LUNG-LI PROB MILITARY STORAGE AREA APPROXIMATELY 2.5 NM SW OF LUNG-LI. ADMINISTRATIVE AREA HAS ONE LARGE H-SHAPED ADMINISTRATIVE BUILDING, A MOTOR POOL, 6 BARRACKS, AND SUPPORT BUILDINGS. STORAGE AREA	2627N	1Ø656E	Ø496		. 33

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City, Installation	Coordinates	WAC	Installati	on Numbers
only materials	Coordinates	WAC .	BE	NPIC
CONTAINS 24 STORAGE BUILDINGS DISPERSED ALONG A LOOP ROAD. FOUR OF THESE STORAGE BUILDINGS ARE UNDER CONSTRUCTION. THE AREA IS NOT YET SECURED BUT HAS A PROBABLE GUARDHOUSE AT ITS ENTRANCE. 25X1D		25V1A		
CHING-CHEN AIRFIELD 5,000 X 150 FT SOD RUNWAY IS PROBABLY SERVICEABLE BUT LOCAL TRAFFIC CROSSES THE RUNWAY AND PARKING APRON. AN ADMINISTRATIVE BUILDING AND A CONTROL TOWER ARE OBSERVED BUT NO AIRCRAFT ARE ON THE FIELD AND IT APPEARS ABANDONED. 25X1D	2631N 10630E	25X1A		5
CHING-CHEN AREA, HYDRO-ELECTRIC POWER PLANT APPROXIMATELY 3 NM WEST OF CHING-CHEN. THIS INSTALLATION, IN A LATE STAGE OF CONSTRUCTION, INCLUDES A LARGE CONCRETE DAM, A SEPARATE SPILLWAY, A GENERATOR HALL, AND A SWITCHING STATION EAST OF THE LARGE RESERVOIR. 25X1D	2634N 10626E	Ø49 6		5- A
KUEI-YANG, GOVERNMENT ADMINISTRATION BUILDING A LARGE, MODIFIED V-SHAPED BUILDING WITH TWO 6-STORY CENTRAL SECTIONS AND TWO 5-STORY WINGS IS LOCATED IN A SQUARE AT THE TERMINUS OF A BROAD, TREE-LINED BOULEVARD LEADING TO THE RAILROAD STATION. THIS IS PROBABLY THE GOVERNMENT ADMINISTRATION BUILDING.	2634N 10642E	Ø496		10
25X1D				

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Ch. Landler	Cdit	Coordinates WAC		Coordinates WAC Insta		llation Numbers	
City, Installation	Coordinates	#AC	BE	NPIC			
KUEI-YANG COMPLEX THE KUEI-YANG COMPLEX HAS INCREASED TO APPROXIMATELY 6 SQ MI IN AREA. (THIS COMPLEX	2635N 1Ø643E	25X1A		19-F			
WAS CALLED THE KUEI-YANG INDUSTRIAL COMPLEX IN THE IPIR FOR MISSION THE EXPANSION IS PRIMARILY INDUSTRIAL AND IS CONCENTRATED IN THE SOUTH AND WEST PORTIONS OF THE CITY. IN ADDITION, A LARGE NEW POWER DAM IS LOCATED APPROXIMATELY 9 NM SOUTH OF THE CITY. A LARGE INDUSTRIAL COMPLEX IS UNDER CONSTRUCTION APPROXIMATELY 7 NM NNW OF KUEI-YANG WITH RELATED MINING ACTIVITY 15 NM TO THE WEST AT 26-40N 106-22E.	25X1D						
	25X1D						
CHIN-CHENG-CHIANG RR LINE THIS RAILROAD OBSERVED FROM THE VICINITY OF KUEI-TING (26-35N 107-15E) TO KUEI-YANG (26-35N 106-43E) TO THE VICINITY OF TSUN-I AT 27-41N 106-55E. THE SECTION FROM KUEI-YANG NORTH TO TSUN-I IS UNDER CONSTRUCTION WITH ONLY THE ROADBED AND BRIDGE PIERS COMPLETE. THE SECTION FROM KUEI-YANG TO KUEI-TING APPEARS TO BE OPERATIONAL. HAZE AND OBLIQUITY PRECLUDE FURTHER OBSERVATION OF THIS LINE.	2442N 1Ø8Ø2E	Ø497		2			
LIU-CHOU AIRFIELD 25X1D IDENTIFICATION ONLY.	2417N 1Ø923E	25X1A		17-A			
25X1D	·						

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	City, Installation	C		Coordinates WAC		Coordinates WAC		Installation Numbers	
	City, installation	Coor	ainates	WAC.	BE	NPIC			
25X1D	LIU-CHOU COMPLEX IDENTIFICATION ONLY.	2418N	1Ø924E	25X1A		17			
25X1D	CHUNG-SHAN MINING COMPLEX AREA APPROXIMATELY 9-NM-NE OF CHUNG-SHAN. TWO OPEN PIT MINES ARE AT 24-39N 111-27E. A MILL AT 24-47N 111-29E IS PROCESSING ORE MINED FROM FOUR VEINS ON THE CRESTS OF RIDGES SE OF THE MILL. AS PROMINENT WASTE POND LIES NW OF THE MILL.	2439N	11127E	Ø497 :		4			
25X1D 25X1D	TU-SHAN AIRFIELD AIRFIELD LOCATED ONE NM NNE OF TU-SHAN. APPROXIMATE 4,000 X 100, N/S SOD RUNWAY IS PROBABLY SERVICEABLE, ALTHOUGH CROSSED BY ROAD AND TRAIL. PARALLEL TAXIWAY IS INTERRUPTED BY A DITCH. NO FACILITIES OR AIRCRAFT OBSERVED. (IPIR FOR MISSION REPORTED THE RUNWAY AT THIS AIRFIELD UNSERVICEABLE.)	2551N	10733E	25X1A		23			
25X1D	HSI-LING-HSU, DAM UNDER CONSTRUCTION 5 NM NW OF HSI-LING-HSU, AND 11.5 NM NW OF KUNG-CHENG. A LARGE DAM IS UNDER CONSTRUCTION WITH ONE LARGE WATER-INTAKE TOWER COMPLETE. CONSIDERABLE EARTH HAS BEEN REMOVED IN THE AREA TO EXPOSE BEDROCK FOR FOOTINGS.	25ØØN	11043E	Ø497		38			

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City, Installation	Coordinates	ates WAC		allation Numbers	
	333,411,413	""	BE	NPIC	
KUEI-LIN AREA, MILITARY COMPLEX 6.4 NM SSE OF KUEI-LIN, AND ONE NM SE OF E LI-CHIA-TSUN AIRFIELD. THIS MILITARY COMPLEX CONTAINS OVER 250 BARRACKS OR ADMINISTRATIVE-TYPE BUILDINGS. A SECURED AREA CONTAINS 12 BARRACKS OR ADMINISTRATIVE-TYPE BUILDINGS AND NUMEROUS SMALL BUILDINGS. A SECURED VEHICLE PARK.	2511N 11005E	∞ Ø497 ⊹		13-B	
CONTAINS 26 TRUCKS, AND 24 PROBABLE FIELD ARTILLERY PIECES. NUMEROUS TRENCHES AND ARTILLERY REVETMENTS ARE IN THE AREA. A DRIVER TRAINING AREA APPROXIMATELY ONE NM WEST OF THE COMPLEX ALSO CONTAINS TRENCHES AND ARTILLERY EMPLACEMENTS. A COMMUNICATIONS SITE APPROXIMATELY 2,500 FT EAST OF THE CENTER OF THE LI-CHIA-TSUN RUNWAY CONTAINS 3 TALL MASTS IN LINE. A COMMUNICATIONS SITE APPROXIMATELY 2 NM SOUTH OF THE SOUTH END OF THE LI-CHIA-TSUN RUNWAY CONTAINS 2 MASTS AND A SMALL BUILDING. TWO MASTS ARE ATOP THE	-			-	
PROBABLE HEADQUARTERS BUILDING AND ONE MAST IS JUST EAST OF THIS BUILDING. A VEHICLE PARK APPROXIMATELY 2,000 FT SOUTH OF THE SOUTH END OF THE LI-CHIA-TSUN RUNWAY CONTAINS 10 PROBABLE VEHICLES AND 12 PROBABLE ARTILLERY PIECES. 25X1D		25X1A			
I-CHIA-TSUN AIRFIELD 5 NM SSE OF KUEI-LIN. MOST OF THE LARGE DEMOLITION HOLES BLASTED IN THE RUNWAY HAVE BEEN FILLED BUT SUFFICIENT SMALL HOLES REMAIN TO RENDER THE RUNWAY. UNSERVICEABLE. HARDSTANDS AND REVETMENTS ARE COMPLETELY UNSERVICEABLE. THE AREA IS APPARENTLY USED FOR DRIVER TRAINING AND	2511N 11Ø19E		,	15	

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]	City, Installation	Coordinates	WAC	ВЕ	NPIC
25X1D	MANUEVERS BY TROOPS STATIONED AT A LARGE MILITARY COMPLEX ONE NM SE OF THE AIRFIELD.				
25X1D	LI-MU-CHIEH MINING COMPLEX 3.5 NM NORTH OF LI-MU-CHIEH, AND 21.5 NM NORTH OF KUNG-CHENG. THIS MINING COMPLEX PROBABLY HANDLES TIN OR TUNGSTEN ORE AND INCLUDES A SMALL, CENTRALLY-LOCATED POSSIBLE SMELTER AND 6 MILLS. AN EXPLOSIVES STORAGE AREA HERE IS SECURED AND REVETTED AND HAS 3 STORAGE BUILDINGS AND 2 SMALL BUILDINGS. THIS APPEARS TO BE AN OLDER MINING WORKS WITH SOME FAIRLY RECENT ADDITIONS. THE ORE IS MINED FROM A SERIES OF PARALLEL VEINS BUT THERE IS SOME EVIDENCE OF PLACER MINING.	2511N 11Ø54E	Ø497 ·		37
20/(12			25X1A		7.
25X1D	YANG-TANG AIRFIELD 7.3 NM SW OF KUEI-LIN. THE RUNWAYS ARE COMPLETELY UNSERVICEABLE. THE EASTERN RUNWAY AND TAXIWAY ARE SERVED BY A CANAL AND OLD DEMOLITION HOLES REMAIN IN THE RUNWAYS AND TAXIWAYS. NO BUILDINGS REMAIN.	2513N 11009E	25X1A		24
25X1D	ERH-TANG AIRFIELD 4 NM SOUTH OF KUEI-LIN. OLD DEMOLITION HOLES REMAIN IN THE RUNWAY, TAXIWAYS AND HARDSTANDS, RENDERING THEM UNSERVICEABLE. THE AIRFIELD IS ABANDONED.	2513N 11Ø17E			Ĵ

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	KUEI-LIN POSSIBLE STORAGE INSTALLATION 4 NM SW OF CITY OF KUEI-LIN. A SECURED AREA CONTAINS 16 RECTANGULAR MASONRY BUILDINGS OF VARIOUS SIZES CONNECTED BY DITCHES. FOUR BUILDINGS ARE UNDER CONSTRUCTION	2514N	11015E	Ø497		13-A
25X1E	A QUARTER OF A MILE WEST OF THE INSTALLATION. A STREET LEADS TO A LOW BUILDING SERVING AS A POSSIBLE TUNNEL ENTRANCE. THE INSTALLATION IS ROAD-SERVED WITH A SMALL VILLAGE ADJOINING THE ROAD GATE.			25X1A		
	KUEI-LIN COMPLEX	2516N	11017E			13
	THIS RAIL, ROAD AND RIVER-SERVED CITY OCCUPIES ABOUT 3 SQ MINAND HAS NOTEEXPANDED SIGNIFICANTLY. THIS MUNICIPALITY HAS AN ACTIVE					
	MILITARY INSTALLATION 6.5 NM SSECOR: THE OUTSKIRTS/OF/THE/CITY. ACNEW UNIVERSITY: HAS BEEN BUILT ON THE EAST/SIDE/OF/THE/CITY.				•	
 	NORTHWEST OF THE CITY IS A WATER TREATMENT PLANT AND IN THE CENTER OF THE CITY IS A SERIES OF RIVER-SUPPLIED INDUSTRIAL WATER					
	RESERVOIRS. THE CITY HAS AN APPARENTLY IDLE PIG IRON FOUNDRY, A GAS WORKS, AN UNIDENTIFIED NEW LIGHT INDUSTRY, A SAW MILL, A PROBABLE PRISON, AND A RAIL-SERVED WAREHOUSE AREA					
	CONTAINING BELARGE AND 6 MEDIUM-SIZE STRUCTURES. AN ENCLOSED, GUARDED, POLEBASE CONTAINS 6 LARGE AND 6 SMALL FLAT-TOPPED: TANKS, ONE EMPTY COLLAPSIBLE TOPETANK, AND A					
	BARREL STORAGE AREA. THE RAILWAY YARD HAS 11 TRACKS, 2 STEAM LOCOMOTIVES, 45 BOXCARS, AND 42 GONDOLA CARS. ON THE SOUTH EDGE OF THE CITY. IS A ROAD-SERVED, ENCLOSED, LIGHT METALS					
	INDUSTRY CONTAINING 19 MAJOR BUILDINGS, NUMEROUS SMALL BUILDINGS, AND 2 TALL STACKS.					

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	City, Installation	Coordinates	WAC	Installati	ation Numbers	
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25X1D	TU-YUN COMPLEX SIGNIFICANT INDUSTRIAL EXPANSION OBSERVED FOR APPROXIMATELY 3 NM NORTH AND 3 NM SOUTH OF TU-YUN ALONG THE RIVER VALLEY, INCLUDING A.	2615N 1Ø7	25X1A		39	
25X1D	PROBABLE STEEL PLANT, A THERMAL POWER PLANT, AND SEVERAL MILL-TYPE INDUSTRIES.					
25X1D	YING-TE AREA, CHEMICAL PLANTS U/C 7.5 NM NORTH OF YING-TE. A RAIL AND ROAD-SERVED ORE CONCENTRATION MILL AND A SULFURIC ACID PLANT ARE IN THE EARLY STAGES OF CONSTRUCTION. ONE THICKENER TANK HAS BEEN EMPLACED WITH 6 ADJOINING STORAGE TANKS. TWENTY-SEVEN TANK SHELLS ARE STANDING, AWAITING EMPLACEMENT. CONSTRUCTION MATERIALS ARE ALSO STANDING ABOUT THE AREA. A ROASTING PLANT IS PARTIALLY BUILT. THE ORE WILL BE SHIPPED FROM FIVE OPEN-PIT MINES IN THE AREA, 24-24N 113-09E TO 24-26N 113-30E.	2418N 113	26E Ø498		51-8	
25X1D	SAN-HUA-CHEN AREA, MILITARY INSTALLATION 4 NM WEST OF SAN-HUA-CHEN. INSTALLATION INCLUDES 10 BUILDINGS; MOTOR POOL, 3 VEHICLE SHEDS AND TRAINING AREAS	2418N 113	58E Ø498		99	
	YING-TE AREA, RAILROAD APPROXIMATELY 11 NM NORTH OF YING-TE.	2424N 113	Ø9E Ø498		51-A	
	THIS RAILWAY, RUNNING GENERALLY EAST TO WEST, IS 25 NM LONG AND WILL TRANSPORT ORE TO A CONCENTRATION MILL AND CHEMICAL PLANT UNDER				COLL	

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25X1D	CONSTRUCTION NORTH OF YING-TE. A SPUR LINE RUNS TO THE PEI-CHIANG (RIVER). THE RAILROAD IS OPERATIONAL WITH AT LEAST 145 GONDOLA CARS AND A POSSIBLE STEAM LOCOMOTIVE.								
	YING-TE AREA, MINING INDUSTRY CENTER OF THE DISTRICT IS ABOUT 11 NM NORTH OF YING-TE. IT INCLUDES 5 OPERATING, OPEN-PIT MINES, RAIL AND ROAD SERVED. EACH MINING DISTRICT HAS HOUSING AND SUPPLY BUILDINGS. THE WEST MINING	2424N	113Ø9E	Ø498		51-C			
057/45	DISTRICT (24-24N 113-09E) HAS A SMALL MILL AND A ROAD CONNECTING THIS DISTRICT WITH THE WEST RAIL TERMINUS. SOME DEVELOPMENTAL DRILLING NOTED AROUND THE MINES. ORE WILL BE CARRIED FROM A DUMPING TERMINUS AT 24-21N 113-28E BY CABLE ACROSS THE PEI-CHIANG (RIVER) TO A RAILWAY SPUR.	·							
25X1I	WENG-YUAN MINING AREA THIS IS A SMALL, ROAD-SERVED, MOUNTAIN-TOP MINING DISTRICT. BEDROCK HAS BEEN LAID BARE TO EXPOSE PARALLEL TRENDING VEINS. DISTRICT INCLUDES A HOUSING AREA, AN EXPLOSIVES DUMP, A POWER PLANT, AND A MILL. LITTLE ACTIVITY OBSERVED.	2425N	11356E	Ø498 ·		54-B			
	25X1D								

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TSAD-WU MILITARY STORAGE AREA AREA CONTAINS BARRACKS AND STORAGE BUILDINGS.	2431N	11337E	Ø498		45
WU-SHIH-HSU AREA, RAILWAY BRANCH LINE U/C 8.5 NM SOUTH OF CHU-CHANG AND 6.5 NM NORTH OF WU-SHIH-HSU. A NEW RAILWAY BRANCH LINE IS UNDER CONSTRUCTION BETWEEN 24-34N 113-4ØE AND 24-4ØN 113-36E. RAILS HAVE BEEN LAID TO SHA-CHI-HSU BUT THE RIGHT-OF-WAY HAS BEEN PREPARED FARTHER TO THE SE, A TOTAL OF 8 NM IN LENGTH. THE LINE REQUIRES 2 SHORT TUNNELS. WORKERS BARRACKS WERE BUILT AT 24-41N 113-37E.	2434N	1134ØE	Ø498		100
CHU-CHIANG COMPLEX THIS COMPLEX INCLUDES SEVERAL STORAGE AREAS, POSSIBLE MILITARY INSTALLATIONS, AND A RAIL-YARD. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.	2448N	11335E	25X1A		16
	ĺ				
PAN-TIEN, MILITARY INSTALLATION AREA IDENTIFICATION ONLY.	224ØN	1141ØE	Ø614		65
HSIA-KENG AREA, MOTOR POOL 2 NM SSE OF HSIA-KENG. APPROXIMATELY 100 VEHICLES ARE PARKED IN OPEN COUNTRY. FIVE BUILDINGS ARE NEARBY.	2242N	11458E	Ø614 ·		70:
	AREA CONTAINS BARRACKS AND STORAGE BUILDINGS. WU-SHIH-HSU AREA, RAILWAY BRANCH LINE U/C 8.5 NM SOUTH OF CHU-CHANG AND 6.5 NM NORTH OF WU-SHIH-HSU. A NEW RAILWAY BRANCH LINE IS UNDER CONSTRUCTION BETWEEN 24-34N 113-4ØE AND 24-4ØN 113-36E. RAILS HAVE BEEN LAID TO SHA-CHI-HSU BUT THE RIGHT-OF-WAY HAS BEEN PREPARED FARTHER TO THE SE, A TOTAL OF 8 NM IN LENGTH. THE LINE REQUIRES 2 SHORT TUNNELS. WORKERS BARRACKS WERE BUILT AT 24-41N 113-37E. CHU-CHIANG COMPLEX THIS COMPLEX INCLUDES SEVERAL STORAGE AREAS, POSSIBLE MILITARY INSTALLATIONS, AND A RAIL-YARD. OBLIQUITY PRECLUDES FURTHER INTERPRETATION. PAN-TIEN, MILITARY INSTALLATION AREA IDENTIFICATION ONLY. HSIA-KENG AREA, MOTOR POOL 2 NM SSE OF HSIA-KENG. APPROXIMATELY 10Ø VEHICLES ARE PARKED IN	TSAO-WU MILITARY STORAGE AREA AREA CONTAINS BARRACKS AND STORAGE BUILDINGS. WU-SHIH-HSU AREA, RAILWAY BRANCH LINE U/C 8.5 NM SOUTH OF CHU-CHANG AND 6.5 NM NORTH OF WU-SHIH-HSU. A NEW RAILWAY BRANCH LINE IS UNDER CONSTRUCTION BETWEEN 24-34N 113-4ØE AND 24-4ØN 113-36E. RAILS HAVE BEEN LAID TO SHA-CHI-HSU BUT THE RIGHT-OF-WAY HAS BEEN PREPARED FARTHER TO THE SE, A TOTAL OF 8 NM IN LENGTH. THE LINE REQUIRES 2 SHORT TUNNELS. WORKERS BARRACKS WERE BUILT AT 24-41N 113-37E. CHU-CHIANG COMPLEX THIS COMPLEX THIS COMPLEX INCLUDES SEVERAL STORAGE AREAS, POSSIBLE MILITARY INSTALLATIONS, AND A RAIL-YARD. OBLIQUITY PRECLUDES FURTHER INTERPRETATION. PAN-TIEN, MILITARY INSTALLATION AREA IDENTIFICATION ONLY. HSIA-KENG AREA, MOTOR POOL 2 NM SSE OF HSIA-KENG. APPROXIMATELY 100 VEHICLES ARE PARKED IN	TSAO-WU MILITARY STORAGE AREA AREA CONTAINS BARRACKS AND STORAGE BUILDINGS. WU-SHIH-HSU AREA, RAILWAY BRANCH LINE U/C 8.5 NM SOUTH OF CHU-CHANG AND 6.5 NM NORTH OF WU-SHIH-HSU. A NEW RAILWAY BRANCH LINE IS UNDER CONSTRUCTION BETWEEN 24-34N 113-4ØE AND 24-4ØN 113-36E. RAILS HAVE BEEN LAID TO SHA-CHI-HSU BUT THE RIGHT-OF-WAY HAS BEEN PREPARED FARTHER TO THE SE, A TOTAL OF 8 NM IN LENGTH. THE LINE REQUIRES 2 SHORT TUNNELS. WORKERS BARRACKS WERE BUILT AT 24-4IN 113-37E. CHU-CHIANG COMPLEX THIS COMPLEX INCLUDES SEVERAL STORAGE AREAS, POSSIBLE MILITARY INSTALLATIONS, AND A RAIL-YARD. OBLIQUITY PRECLUDES FURIHER INTERPRETATION. PAN-TIEN, MILITARY INSTALLATION AREA IDENTIFICATION ONLY. HSIA-KENG AREA, MOTOR POOL 2 NM SSE OF HSIA-KENG. APPROXIMATELY 100 VEHICLES ARE PARKED IN	TSAO-WU MILITARY STORAGE AREA AREA CONTAINS BARRACKS AND STORAGE BUILDINGS. WU-SHIH-HSU AREA, RAILWAY BRANCH LINE U/C 8.5 NM SOUTH OF CHU-CHANG AND 6.5 NM NORTH OF WU-SHIH-HSU. A NEW RAILWAY BRANCH LINE IS UNDER CONSTRUCTION BETWEEN 24-34N 113-4ØE AND 24-4ØN 113-36E. RAILS HAVE BEEN LAID TO SHA-CHI-HSU BUT THE RIGHT-OF-WAY HAS BEEN PREPARED FARTHER TO THE SE, A TOTAL OF 8 NM IN LENGTH. THE LINE REQUIRES 2 SHORT TUNNELS. WORKERS BARRACKS WERE BUILT AT 24-41N 113-37E. CHU-CHIANG COMPLEX THIS COMPLEX INCLUDES SEVERAL STORAGE AREAS, POSSIBLE MILITARY INSTALLATIONS, AND A RAIL-YARD. OBLIQUITY PRECLUDES FURTHER INTERPRETATION. PAN-TIEN, MILITARY INSTALLATION AREA IDENTIFICATION ONLY. HSIA-KENG AREA, MOTOR POOL 2 NM SSE OF HSIA-KENG. APPROXIMATELY 100 VEHICLES ARE PARKED IN	TSAO-WU MILITARY STORAGE AREA AREA CONTAINS BARRACKS AND STORAGE BUILDINGS. WU-SHIH-HSU AREA, RAILWAY BRANCH LINE U/C 8.5 NM SOUTH OF CHU-CHANG AND 6.5 NM NORTH OF WU-SHIH-HSU. A NEW RAILWAY BRANCH LINE IS UNDER CONSTRUCTION BETWEEN 24-34N 113-40E AND 24-40N 113-36E. RAILS HAVE BEEN LAID TO SHA-CHI-HSU BUT THE RIGHT-OF-WAY HAS BEEN PREPARED FARTHER TO THE SE, A TOTAL OF 8 NM IN LENGTH. THE LINE REQUIRES 2 SHORT TUNNELS. WORKERS BARRACKS WERE BUILT AT 24-41N 113-37E. CHU-CHIANG COMPLEX THIS COMPLEX INCLUDES SEVERAL STORAGE AREAS, POSSIBLE MILITARY INSTALLATIONS, AND A RAIL-YARD. OBLIQUITY PRECLUDES FURIHER INTERPRETATION. PAN-TIEN, MILITARY INSTALLATION AREA IDENTIFICATION ONLY. HSIA-KENG AREA, MOTOR POOL 2 NM SSE OF HSIA-KENG. APPROXIMATELY 100 VEHICLES ARE PARKED IN

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City, Installation		Coordinates		WAC	Installa	tion Numbers	_
		Coordinates		WAC	BE	NPIC	
LIEN-TUNG MILITARY GARRISON AREA IDENTIFICATION ONLY.	25X1D	2251N	11419E	0614	25X1A	20	
CHANG-MU-TOU MILITARY BARRACKS WEST AREA IDENTIFICATION ONLY.	25X1D	2253N	114Ø1E			s 62 .	
TA-MAD-WEI, MILITARY INSTALLATION AREA IDENTIFICATION ONLY.	25X1D	2254N	11417E	Ø614		39-A	
MA-LING MILITARY GARRISON AREA IDENTIFICATION ONLY.	25X1D	2257N	11411E	0614		22	
NI-KENG MILITARY GARRISON AREA IDENTIFICATION ONLY.	25X1D	2258N	114Ø6E	Ø614 :		25	
KAD-PU-TZU, MILITARY AREA AREA IDENTIFICATION ONLY.	25X1D	2259N	11418E	Ø614:		39.	
PING-SHAN-HSU, MILITARY INSTALLATION NO APPARENT CHANGE SINCE MISSION	25X1D	2259N	11442E	Ø614 :	į	61.	
WANG-KUAN-HSU MOTOR POOL IN THE TOWN OF WANG-KUAN-HSU. APPROXIMATELY 80 VEHICLES OBSERVED IN POOL.	25X1D	2246N	115Ø2E	Ø614		73	
	25X1D						

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05)/45	LU-FENG, BARRACKS AREA IDENTIFICATION ONLY.	2258N	11539E	Ø614		- 56	
25X1D	LIANG-KOU, HYDRO-ELEC PWR PLT:LIU-CHI-HO U/G .5 NM:NORTH OF LIANG-KOU. A LARGE CONCRETE DAM AND A POWER PLANT OBSERVED. SCALE AND OBLIQUITY PRECLUDE FURTHER	2345N	11346E	Ø614		. : 77.	
25X1D	INTERPRETATION.						
25X1D	AD-HSIA, MILITARY STORAGE AREA AREA IDENTIFICATION ONLY.	23Ø2N	1142ØE	Ø614 25X1A		1,	
	SHUI-KOU AIRFIELD 15 NM SSE OF SHUI-KOU. 8,150 X 200 FT E/W CONCRETE RUNWAY IS SERVICEABLE. ONE 6-GUN UNDCCUPIED AAA SITE IS LOCATED APPROXIMATELY 600 FT EAST OF RUNWAY AND ANOTHER (WITH 4 POSITIONS OCCUPIED) IS APPROXIMATELY 600 FT SOUTH OF RUNWAY. AIRCRAFT 26 FAGOT/FRESCO.	23Ø3N	11.436E :			34	
25X1D	HUI-YANG ARMY BKS AND HQ 42ND ARMY WEST	23Ø5N	11423E	25X1A		15-B	
25X1D 25X1D 25X1D	AS HUI-YANG ARMY BARRACKS)			25X1A		15-A	
25X1D	HUI-YANG ORDNANCE DEPOT NO APPARENT CHANGE SINCE MISSION	23Ø5N	11426E			197A	
25X1E							

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City I	y, Installation Coordinates		WAC	Installation Numbers		
City, installation			, "AC	BE	NPIC	
TUNG RIVER VALLEY, MILITARY COMPLEX AREA IDENTIFICATION ONLY.	25X1D	231ØN	11416E	Ø614 :		28
PO-LO MILITARY INSTALLATION AREA IDENTIFICATION ONLY.	25X1D	231ØN	11416E	Ø614		68
CHING-TANG MILITARY GARRISON IDENTIFICATION ONLY.	25X1D	2312N	114Ø5E	Ø614		7.
PAI-CHIANG-PU, MILITARY INSTALLATIONS NE EDGE OF PAI-CHIANG-PU. AT LEAST 13Ø BUILDINGS AND POSSIBLE POSITIONS ON HILLSIDE OBSERVED. (PRE-REPORTED AS TANG-SHANG, MILITARY INSTALLATIONS).		2315N	11425E	Ø614 :		63
LUNG-HUA-HSU AREA, HYDRO-ELECTRIC PWR 11 NM SW OF LUNG-HUA-HSU. THE RACEWAY FOR ONE TURBINE IS UNDER CONSTRUCTION. CONSTRUCTION OF THE DATE NOT BEEN STARTED.		2329N	114Ø2E	Ø614		± 7 5
HO-YUAN HYDRO POWER PLANT, HSIN-FENG C 2.5 NM SW OF HO-YUAN. THE HYDRO-ELECTRIC POWER PLANT (HSIN-FENG CHIANG) RESERVOIR AREA EX SQ MI. A DUAL VOLTAGE SWITCHING STAT UNDER CONSTRUCTION .5 NM.NE OF DAM S	CEEDS 100 ION IS	2343N	11438E			± 74

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City, Installation	Coordinates	WAC	Installation Numbers		
City, installation	Coordinates	#AC	BE	NPIC	
LUNG-MEN AREA, MUNITIONS STORAGE APPROXIMATELY 13 NM NORTH OF LUNG-MEN. FENCED AREA IN A VALLEY CONTAINS 17 STORAGE BUILDINGS INCLUDING AT LEAST 3 WITH ROOF VENTILATORS, 2 EARTH-MOUNDED STRUCTURES AND A GUARD BUILDING AT THE GATE. ACCESS TO 3		Ø614 :		; 7 6·	
SMALL BUILDINGS: IN A RAVINE OUTSIDE THE FENCED AREA. A SUPPORT AREA OUTSIDE THE FENCED ENCLOSURE CONTAINS 30 BUILDINGS. THE INSTALLATION IS SERVED BY AN ALL-WEATHER ROAD.					
25X′		25X1A			
AREA IDENTIFICATION ONLY. 25X1	2624N 1125ØE			28-A	

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APPENDIX

EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

<u>City</u>, <u>Installation</u>--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

<u>Coordinates</u>--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\text{WAC}}$ --This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers--The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since the installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0497-1 and an NPIC target numbered 0498-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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